

CLAIMS:

1. An optical record carrier capable for recording information thereon by irradiating the record carrier by a pulsed radiation beam, said record carrier comprising an area containing control information indicative of a recording process by which the information can be recorded on said record carrier, the control information comprising values of recording parameters for the recording process,
5 characterized in that the control information comprises a first set of recording parameters for the recording process at a first range of recording speeds, and a second set of recording parameters for the recording process at a second range of recording speeds.

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2. A record carrier according to claim 1, wherein the first range of recording speeds partially overlaps the second range of recording speeds.

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3. A record carrier according to claim 1 or 2, wherein at least part of the

recording parameters define the sequence of pulses of the pulsed radiation beam.

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4. A record carrier according to claim 1 or 2, wherein a recording parameter is indicative of a write strategy, and wherein said recording parameters has a first value in the first set of recording parameters indicative of a first write strategy and a second value in the second set of recording parameters indicative of a second write strategy.

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5. A method of recording information in an information layer of a record carrier by irradiating the information layer by a pulsed radiation beam, the method comprising

an initialization step of reading values of recording parameters for a recording process by which the information can be recorded on the record carrier from an area on the record carrier containing control information indicative of the recording process, and a writing step in which the information to be recorded is converted into a pulsed radiation beam, said conversion based on the read values of the recording parameters,

characterized in that

in the initialization step a first set of recording parameters is read when the information is to be written at a first range of recording speeds, and a second set of recording parameters is read when the information is to be written at a second range of recording speeds.

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6. A recording device for recording information in an information layer of a record carrier by irradiating the information layer by a pulsed radiation beam, capable of carrying out the method according to claim 5.